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# TECHNICAL MEMORANDUM

**(TM Series)**

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SCF Computer Program Systems Manual

## SYSTEM

## Utility Programs

## DEVELOPMENT

## Introduction and Table of Contents

CORPORATION

By

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**CALIFORNIA**

25 April 1962

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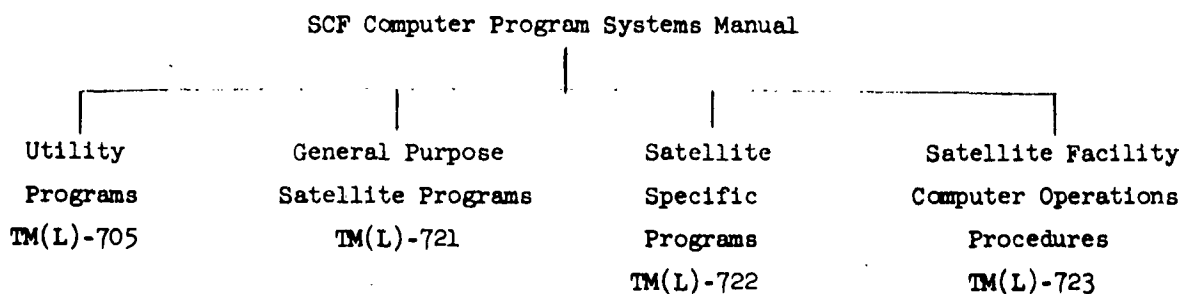
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## INTRODUCTION

### General

The Satellite Control Facility's Computer Program Systems Manual is a collection of systems programming and operations information brought together under one title. The manual consists of four TM series which are sub-titled Utility Programs, General Purpose Satellite Programs, Satellite Specific Programs, and Satellite Facility Computer Operations Procedures.

Graphically the Systems Manual looks like this:



### Document Design

Each of the four series is contained in a hard cover, loose leaf binder, with the appropriate title and document number on the front cover and on the bound edge.

Additional volumes of each TM are issued whenever new information is to be added to a series. If the series grows too large for the current binder, an additional binder is introduced. A single digit sequence number on the bound edge indicates the binder number.

Within a series, tab pages are used for divisionalization. The name and number of the division appears on the tab.

A general table of contents is found at the beginning of each binder and a more detailed table of contents at the beginning of each division.

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### Series and Page Numbering

The Systems Manual contains a three part number, e.g., TM 705/100/00, where the first part is the TM number, the second part is the volume number, and the third part is a revision number. The revision number is stepped by one whenever an entire volume is re-issued. If a partial revision occurs, the revision number on the changed pages has a letter modification appended to it.

Within a volume, the pages contain a three part page number of the form X.Y.Z., where "X" may take on several meanings depending on the particular series, "Y" is a section number, and "Z" is the page number within the section. If an added page is required, "Z" would have a letter appended to it, e.g., X.Y.ZA.

### Utility Program Series

Volumes within the Utility series contain a three part page number of the form XXX.YY.ZZ. An example would be 102.03.04, where 10 is the group number, 2 is the sub-group number, 03 is the section or program number, and 04 is the page number within the program.

An example of group, sub-group and program would be, Elementary Functions, Trigonometric and SIN.

Each group is identified by a tab page containing the group name and number. The program descriptions are complete user's guides. All information pertaining to purpose, usage, method, accuracy and timing is included in each write-up. The program descriptions are in fact, edits from Milestone XI documents.

External documents referenced in the text will be completely identified in the reference section of each write-up.

160-A utility program descriptions are included among the 1604 programs. Wherever a 160-A program description appears, it is clearly labeled "for the 160-A" to avoid any confusion.



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DESCRIPTORS: Programming (Computers).  
Satellite Networks.

Reports that the Satellite Control  
Facility's Computer Program Systems  
Manual is a collection of systems

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programming and operations information.  
States that the manual consists of four  
TM series which are sub-titled Utility  
Programs (TM(L)-705), General Purpose  
Satellite Programs (TM(L)-725),  
Satellite Specific Programs (TM(L)-722,  
and Satellite Facility Computer  
Operations Procedures (TM(L)-723).

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